Chapter 4 - Submitting Entity, Collecting Entity, and Monitoring Type Codes

Submitting Entity, Collecting Entity, and Monitoring Type Codes are assigned by DM&A at the request of TCEQ Programs (CRP, SWQM, TMDL, Standards, NPS, et cetera). These codes are used to identify entities responsible for submitting data and conducting sampling, and to designate the type of sample collection. Submitting Entity (formerly Source Code 1) is a 2-character code that identifies the entity responsible for submitting data to the TCEQ. Collecting Entity (formerly Source Code 2) is a 2-character code that identifies the entity responsible for actual sampling. The Monitoring Type (formerly Program Code) is used to designate the type of sampling to be conducted (for example: routine monitoring, monitoring biased for flow, or monitoring biased to season).

New codes are requested by submitting a Submitting Entity/Collecting Entity/Monitoring Type/Tag Prefix Request and Review Checklist to DM&A.

This form can be obtained from multiple locations. For SWQMIS users, the forms are in the SWQMIS module named 'Forms'. Those with access to the TCEQ via the internet can locate the forms at

http://www.tceq.texas.gov/compliance/monitoring/water/quality/data/wdma/wdma_forms.html or

Existing codes are listed on the following pages.

Submitting Entity Codes

The entity responsible for submitting data.

AB	City of Abilene
AC	Texas A&M College Station, Department of Wildlife & Fisheries Science
AG	Texas A&M University Galveston Seafood Safety Lab
AK	Texas A&M University - Kingsville
AM	Texas A&M University – Corpus Christi
AN	Angelina – Neches River Authority
AP	Alan Plummer Associates, Inc.
AQ	Edwards Aquifer Authority
AR	City of Arlington
AT	Texas A&M Agrilife Research - Stephenville
AU	City of Austin
BC	City of Boerne
BE	City of Beeville
BR	Brazos River Authority

BS	Barton Springs – Edwards Aquifer Conservation District
BU	Baylor University
CB	Conrad Blucher Institute for Surveying and Science
CC	City of Corpus Christi
CE	Corps of Engineers
CL	Caddo Lake Institute
CP	Coastal Bend Bays and Estuaries, Inc.
CR	Canadian River Municipal Water Authority
CY	Cypress Basin
EA	EA Engineering, Science, & Technology, Inc.
EI	Espey Consultants, Inc.
GA	City of Galveston
GB	Guadalupe Blanco River Authority
GS	United States Geological Survey
HD	Texas Department of State Health Services
HG	Houston-Galveston Area Council
HO	City of Houston
IB	International Boundary & Water Commission
IR	City of Irving
JC	Jefferson County Environmental Control District
JM	J.M. Miertschin & Associates, Inc.
KI	City of Killeen
LC	Lower Colorado River Authority
LD	LEADS
LN	Lavaca-Navidad River Authority
LV	Lower Neches Valley Authority
NR	Nueces River Authority
NT	Northeast Texas Municipal Water District
PA	Patrick Bayou TMDL Lead Organization
PB	PBS&J
PE	Parson’s Engineering Science

PW	Texas Parks & Wildlife Department
RC	Texas Railroad Commission
RI	City of Richardson
RR	Red River Authority
SA	San Antonio River Authority
SB	Senate Bill 835
SJ	San Jacinto River Authority
SN	San Antonio Metropolitan Health Department
SR	Sabine River Authority
SU	Sulphur River Basin Authority
TA	Texas Institute for Applied Environmental Research
TH	Tetra Tech, Inc.
TI	Texas River Systems Institute – Texas State University
TP	Texas Municipal Power Authority
TR	Trinity River Authority
TS	Texas Engineering Experimental Station - SERF
TT	Texas State Technological College
TW	Texas Watch
TX	Texas State Soil and Water Conservation Board
UC	Upper Colorado River Authority
UG	Upper Guadalupe River Authority
UH	University of Houston
UI	University of Houston Clear lake Environmental Institute of Houston
UM	University of Texas Marin Science Institute
UN	Upper Neches River Authority
UR	URS Corporation
WA	City of Waco
WC	Texas Commission on Environmental Quality
WM	Water Monitoring Solutions, Inc.

XX	Default Code for Unknown Sources

Collecting Entity Codes

The entity responsible for conducting the sampling.

AB	City of Abilene
AC	Texas A&M College Station, Department of Wildlife & Fisheries Science
AG	Texas A&M University Galveston Seafood Safety Lab
AK	Texas A&M University - Kingsville
AM	Texas A&M University – Corpus Christi
AN	Angelina – Neches River Authority
AP	Alan Plummer Associates, Inc.
AQ	Edwards Aquifer Authority
AR	City of Arlington
AS	Water Quality Assessment Team
AU	City of Austin
BB	Big Bend National Park Service
BC	City of Boerne
BE	City of Beeville
BN	City of Brownsville
BO	Brownsville Public Utilities Board
BP	Big Thicket Preserve
BR	Brazos River Authority
BS	Barton Springs – Edwards Aquifer
BT	Border Environmental Assessment
BU	Baylor University
CA	City of Corsicana
CB	Conrad Blucher Institute for Surveying and Science
CC	City of Corpus Christi
CE	Corps of Engineers
CL	Caddo Lake Institute
CO	TCEQ Central Office
CP	Coastal Bend Bays and Estuaries, Inc.

CR	Canadian River Municipal Water Authority
CW	Colorado River Municipal Water District
CY	Cypress Basin
DA	City of Dallas
DM	TCEQ SWQM Data Management
DR	City of Del Rio
EA	EA Engineering, Science, & Technology, Inc.
EC	Edwards Aquifer Research & Data Center
EI	Espey Consultants, Inc.
EK	Donald Macnair
EM	Ecological Communications Corporation - ECOMM
EP	El Paso Community College
FC	Franklin County Water District
FO	TCEQ Regional Office
FS	Town Lake Fish Study
FW	City of Fort Worth
GA	City of Galveston
GB	Guadalupe Blanco River Authority
GC	Galveston County Health District
GF	Galveston Bay Foundation
GP	City of Grand Prairie
GS	United States Geological Survey
GW	Groundwater Protection Team
HC	Harris County Pollution Control
HD	Texas Department of State Health Services
HG	Houston-Galveston Area Council
HH	Houston Health & Human Services
HI	Hick & Company, Inc.
HO	City of Houston
HP	City of Houston Deparment of Public Works & Engineering
HR	HDR Engineering Co.
HW	Houston Water Quality Control
HZ	Hays County

IB	International Boundary & Water Commission
IR	City of Irving
JM	J.M. Miertschin & Associates, Inc.
KG	City of Kilgore
KI	City of Killeen
LA	City of Laredo Health Department
LB	Texas Watch Little Bay Sentinels
LC	Lower Colorado River Authority
LD	LEADS
LE	City of Laredo Environmental Engineering Division
LL	Trinity River Authority Lake Livingston Project
LN	Lavaca-Navidad River Authority
LR	Texas Agrilife Research
LV	Lower Neches Valley Authority
LW	City of Longview
MB	Matagorda Bay Study
MF	Tetra Tech/MFG, Inc.
MG	Texas A&M University Galveston Lab of Oceanographic and Environmental Research
NM	North Texas Municipal Water District
NR	Nueces River Authority
NT	Northeast Texas Municipal Water District
NW	North Water District Laboratory Service, Inc.
PB	PBS&J
PE	Parson's Engineering Science
PL	City of Pearland
PP	Paul Price Associates
PW	Texas Parks & Wildlife Department
RC	Texas Railroad Commission
RI	City of Richardson
RN	Rio Grande International Study Center

RR	Red River Authority
SA	San Antonio River Authority
SC	Friends of Sulphur Creek
SF	Stephen F. Austin State University
SG	City of San Angelo
SH	City of Sherman
SJ	San Jacinto River Authority
SL	Sul Ross University
SM	San Marcos River Rangers
SN	San Antonio Metropolitan Health Department
SP	Sabal Palms Audubon Center and Sanctuary
SQ	SWQM Water Quality Monitoring Team
SR	Sabine River Authority
ST	Water Quality Standards Team
SU	Sulphur River Basin Authority
SV	Salado Creek Volunteer Monitors
SW	SWCA, Inc.
TA	Texas Institute for Applied Environmental Research
TC	Texarkana College
TD	Tarrant Regional Water District
TE	Texas Eastman
TH	Tetra Tech, Inc.
TI	Texas River Systems Institute – Texas State University
TK	Texarkana Water Utilities
TL	Texas A&M University Trace Element Research Laboratory
TM	Total Maximum Daily Load Team
TR	Trinity River Authority
TS	Texas Engineering Experimental Station - SERF
TT	Texas State Technological College
TW	Texas Watch

TX	Texas State Soil and Water Conservation Board
TY	City of Tyler
UB	University of Texas Brownsville
UC	Upper Colorado River Authority
UE	University of Texas at El Paso Department of Biological Sciences
UF	US Fish and Wildlife Service
UG	Upper Guadalupe River Authority
UH	University of Houston
UI	University of Houston Clear lake Environmental Institute of Houston
UM	University of Texas Marin Science Institute
UP	Upper Pecos Soil and Water Conservation District
UR	URS Corporation
UT	University of North Texas
WA	City of Waco
WL	Wendy Lopez and Associates
WM	Water Monitoring Solutions, Inc.
WV	City of Wimberley
WX	City of Waxahachie
XX	Default Code for Unknown Sources
ZP	Zapata County
01	Boy Scouts of America Sam Houston Chapter
43	Colorado River Watch

Monitoring Type Codes

The type of sampling being conducted (For use with data collected 9/1/2007 or later).

BE	Biased Event – Monitoring targeted toward a specific event (e.g., fish kill, spill).
BF	Biased Flow – Monitoring targeted toward certain flow conditions (e.g., runoff event)
BS	

Biased Season – Monitoring targeted toward certain time of year (e.g., season or index period.)	
CD[1]	Continuous Data – LEADS data generated by the CWQMN (monitoring intent not characterized).
CE[1]	Continuous Event – Continuous monitoring targeted toward a specific event (the summary statistics are coded “BE”).
CF[1]	Continuous Flow – Continuous monitoring targeted toward certain flow conditions (the summary statistics are coded “BF”).
CQ[1]	Continuous QA – Continuous monitoring QA samples.
CS[1]	Continuous Season – Continuous monitoring targeted toward a certain time of year (the summary statistics are coded “BS”).
CT[1]	Continuous Routine – Continuous monitoring not intentionally targeted toward any environmental condition (the summary statistics are coded “RT”).
EB	Equipment Blank – QC samples.
FB	Field Blank – QC samples.
FS	Field Split – QC samples.
TB	Trip Blank – QC samples.
QA	Quality Assurance – QC samples.
RT	Routine – Monitoring not intentionally targeted toward any environmental condition or event.
RW	Receiving Water Assessment – Used for RWA only, not routine biological sampling.

[1]Continuous monitoring samples include CWQMN, and the individual grab samples that are collected during continuous sonde deployments such as 24-hr DO monitoring.

Retired Monitoring Type Codes

AC	Arroyo Colorado Assessment – For Arroyo Colorado Shrimp Farm Project.
BN	Biological – Not for use determination (collection consistent with TCEQ protocol, does not meet TCEQ vouchering requirement).

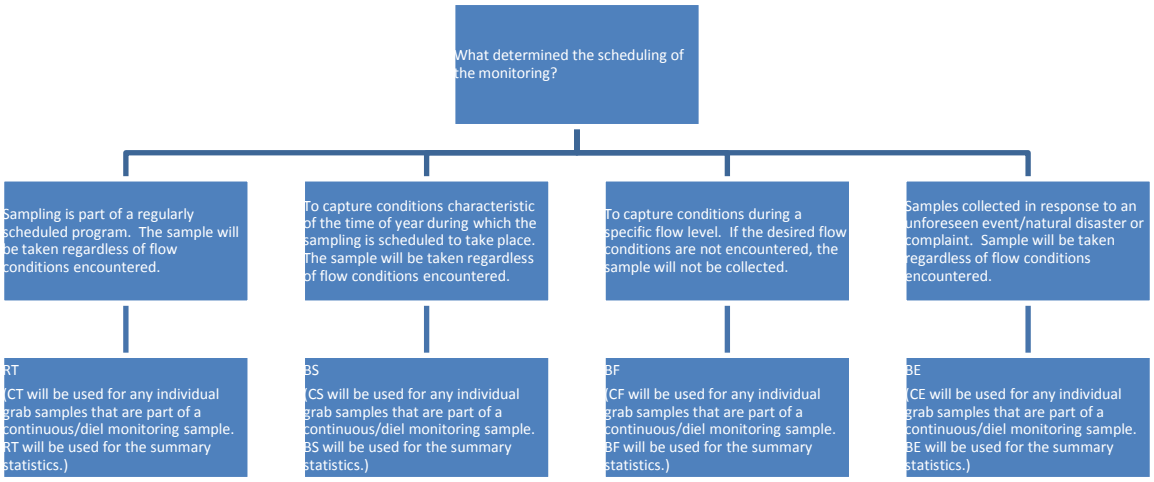
CM	Citizen Monitoring.
DI	Diel Sampling – Multiple field measurements conducted over a 24 hour period and/or summary 24 hour D.O. statistics.
DL	303(d) List related Monitoring – Additional sampling to further characterize the extent and severity of 303(d) listed impairments.
ER	Ecoregion Study.
EX	Experimental Analytical Samples – Samples from test sites and equipment samples set to the lab for analysis.
FL	Flow Monitoring Study – Flow monitoring to support permit actions.
GR	TCEQ Data Management General Review.
IS	Intensive/Systematic - Sub-watershed monitoring on a cyclical basis.
NA	DQO's not appropriate for 305(b) Assessment.
NI	DQO's not appropriate for 305(b) 24 hour data.
NP	Non Point Source Sampling – Samples that characterize non-point source loading.
NS	Non-Surface Water Sampling.
RG	Rio Grande Toxic Substance Study – For TCEQ Central Office RGTSS only.
RS	Real-time continuous monitoring.
SE	Special Event – Sampling done at fish kills, spills, flood events, etc.
SS	Special Study – For monitoring scheduled as part of an approved special study.
TI	24 hour sampling collected under a TMDL QAPP. Multiple field measurements conducted over a 24 hour period and/or summary 24 hour D.O. statistics.
TM	Targeted monitoring.
TN	Sampling collected under a TMDL QAPP, but not appropriate for 305(b) assessment.
TQ	Sampling collected under a TMDL QAPP and is appropriate for 305(b) assessment

TS	Targeted Monitoring Special Study – Site specific monitoring to support permit actions
XN	SWQM Acquired Nonpoint Source Sampling
XR	SWQM Acquired Routine / Baseline Water Sampling
XS	Data Acquired by SWQM for Special Studies
XX	Type of Sampling Unknown – Historical Data

Choosing the Appropriate Monitoring Type Code

The new Monitoring Type Codes are designed to answer the main question of bias in sampling, so the decision of what code to use is determined by any targeting of the sampling:

- "RT" samples are scheduled in advance without intentionally trying to target any certain environmental condition. The sample is collected regardless of the conditions encountered.
- "BS" samples are scheduled for a certain time of year because the sample is meant to capture the conditions characteristic of that time of year. The sample will be taken regardless of the flow condition encountered.
- "BF" samples cannot be precisely scheduled in advance because they target a certain flow condition that must be present in order for the sample to be taken.
- "BE" samples are not typically scheduled in advance, but are reactive to an emergency condition.



Examples

RT

- Regularly scheduled (quarterly, monthly, weekly) planned monitoring where the sample will be taken regardless of environmental conditions encountered.
- Sampling to support a certain project AS LONG AS the monitoring is not targeting an environmental or temporal condition.
- Sampling at stations on a rotational or systematic basis AS LONG AS the monitoring is not targeting an environmental or temporal condition.
- The summary statistics of 24hr monitoring that is NOT purposefully scheduled for a certain time of year (for example, scheduled monthly).
- Biological sampling NOT purposefully scheduled for a certain time of year (for example, quarterly).

- Sampling on an intermittently flowing water body or spring scheduled for those periods when flow is likely to be encountered NOT because conditions during those periods are trying to be captured.
- Routine monitoring on tidal water bodies.
- Most fish tissue sampling.
- Most sediment sampling.
- Flow monitoring studies with regularly scheduled sampling events.

BS

- The summary statistics of 24hr monitoring that is purposefully scheduled for a certain time of year (for example, critical/index periods). Reporting of the individual grabs that make up the 24hr event would be CS.
- Biological sampling purposefully scheduled for a certain time of year (for example, critical/index periods).
- WLEs/RWAs scheduled to try to capture conditions during the index or critical periods.
- Habitat studies.
- ALA/ALM/UAAs that target the critical period.

BF

- Monitoring under a study designed to collect samples during runoff events.
- A water rights study that targets flows below 7Q2 (that is, the sample is only taken if flow is below 7Q2).
- A study of a tidal water body that targeted at specific tidal conditions.

BE

- Usually not previously planned
- Fish kill investigation.
- Monitoring in response to a significant natural disaster (for example, hurricane) to capture conditions directly caused by the disaster.
- Sampling spills.
- Complaint investigations.